? logon

```
*** It is now 2010/11/10 14:00:13 ***
 (Dialog time 2010/11/10 14:00:13)
```

? b agri, tmks

```
>>>        126 is unauthorized
>>>        127 is unauthorized
>>>        226 is unauthorized
>>>        227 is unauthorized
>>>        228 is unauthorized
>>>        246 is unauthorized
>>>        651 is unauthorized
>>>        655 is unauthorized
>>>        656 is unauthorized
>>>        657 is unauthorized
>>>        658 is unauthorized
>>>        659 is unauthorized
>>>        661 is unauthorized
>>>        662 is unauthorized
>>>        663 is unauthorized
>>>        668 is unauthorized
>>>        669 is unauthorized
>>>        671 is unauthorized
>>>        672 is unauthorized
>>>        673 is unauthorized
>>>        675 is unauthorized
>>>        676 is unauthorized
>>>        677 is unauthorized
>>>        678 is unauthorized
>>>        679 is unauthorized
>>>        680 is unauthorized
>>>        681 is unauthorized
>>>        682 is unauthorized
>>>        683 is unauthorized
>>>        685 is unauthorized
>>>        688 is unauthorized
>>>        697 is unauthorized
>>>32 of the specified files are not available
       10nov10 14:00:21 User242963 Session D750.1
              $0.00    0.247 DialUnits File415
       $0.00  Estimated cost File415
       $0.05  INTERNET
       $0.05  Estimated cost this search
       $0.07  Estimated total session cost   0.247 DialUnits

SYSTEM:OS  - DIALOG OneSearch
  File   5:Biosis Previews(R) 1926-2010/Nov W1
          (c) 2010 The Thomson Corporation
  File   6:NTIS 1964-2010/Nov W2
          (c) 2010 NTIS, Intl Cpyrght All Rights Res
  File  10:AGRICOLA 70-2010/Oct
          (c) format only 2010 Dialog
  File  24:CSA Life Sciences Abstracts 1966-2010/Oct
          (c) 2010 CSA.
  File  28:Oceanic Abstracts 1966-2010/Oct
          (c) 2010 CSA.
  File  29:Meteorology & Geoastrophysical Abstracts 1966-2010/Oct
          (c) 2010 CSA.
  File  34:SciSearch(R) Cited Ref Sci 1990-2010/Oct W5
          (c) 2010 The Thomson Corp
  File  44:Aquatic Science & Fisheries Abstracts 1966-2010/Oct
          (c) 2010 CSA.
  File  50:CAB Abstracts 1972-2010/Nov W2
          (c) 2010 CAB International
  File  64:Environmental Engineering Abstracts 1966-2010/Oct
          (c) 2010 CSA.
  File  65:Inside Conferences 1993-2010/Nov 10
          (c) 2010 BLDSC all rts. reserv.
  File  98:General Sci Abs 1984-2010/Oct
          (c) 2010 The HW Wilson Co.
  File  99:Wilson Appl. Sci & Tech Abs 1983-2010/Sep
          (c) 2010 The HW Wilson Co.
  File 117:Water Resources Abstracts 1966-2010/Oct
          (c) 2010 CSA.
  File 144:Pascal 1973-2010/Oct W5
          (c) 2010 INIST/CNRS
  File 203:AGRIS 1974-2010/Sep
          Dist by NAL, Intl Copr. All rights reserved
  File 235:AGROProjects  1990- 2006/Q4
          (c) 2006 Informa UK Ltd
*File 235: Access to this file changed May 1, 2010. Please
see HELP NEWS 235 for information.
  File 266:FEDRIP 2010/Sep
          Comp & dist by NTIS, Intl Copyright All Rights Res
  File 357:Derwent Biotech Res. _1982-2010/Oct W1
          (c) 2010 Thomson Reuters
  File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
          (c) 2006 The Thomson Corp

     Set  Items  Description
     ---  -----  -----------
```

? s fungi and culture

Processing

```
     1868571  FUNGI
     2932413  CULTURE
  S1  190577  FUNGI AND CULTURE
```

? s molasses and sucrose and (corn (w) steep (w) liquor)

```
      36768  MOLASSES
     287814  SUCROSE
     488912  CORN
      85818  STEEP
      43994  LIQUOR
       4737  CORN(W)STEEP(W)LIQUOR
  S2    118  MOLASSES AND SUCROSE AND (CORN (W) STEEP (W) LIQUOR)
```

? s s1 and s2

```
     190577  S1
        118  S2
  S3     15  S1 AND S2
```

? d s3

Dialog eLink: USE DialogLink for Retrieval Options

3/2/1 (Item 1 from file: 5)
DIALOG(R)File 5: Biosis Previews(R)

0021081251 **Biosis No.:** 200900422688
Use of a sequential strategy of experimental design to optimize the inulinase production in a batch bioreactor

Author: Treichel Helen (Reprint); Mazutti Marcio Antonio; Maugeri Francisco; Rodrigues Maria Isabel
Author Address: Univ Reg Integrada Alto Uruguai and Missoes, Dept Food Engn, Campus Erechim,POB 743, BR-99700000 Erechim, RS, Brazil**Brazil
Author E-mail Address: helen@uricer.edu.br
Document Type: Article
Record Type: Abstract
Language: English
Registry Numbers: 9025-67-6: inulinase; 57-50-1: sucrose
DESCRIPTORS:
Major Concepts: Foods; Bioprocess Engineering
Biosystematic Names: Ascomycetes--Fungi, Plantae
Organisms: Kluyveromyces marxianus (Ascomycetes)--strain-NRRL Y-7571
Common Taxonomic Terms: Fungi; Microorganisms; Nonvascular Plants; Plants
 Chemicals & Biochemicals: molasses; yeast extract; corn steep liquor; inulinase--production; fructoligosaccharides; sucrose--transfructosilation; industrial medium; pre-treated culture medium
Methods & Equipment: batch bioreactor--field equipment
 Miscellaneous Terms: Concept Codes: enzymatic activity; shelf-life; aeration rate; food industry; Plackett-Burman design; central composite rotational design
Concept Codes:
10068 Biochemistry studies - Carbohydrates
 10802 Enzymes - General and comparative studies: coenzymes
 13502 Food technology - General and methods
 39008 Food microbiology - General and miscellaneous
Biosystematic Codes:
15100 Ascomycetes

? logoff

```
    10nov10 14:01:33 User242963 Session D750.2
       $2.68    0.412 DialUnits File5
          $2.64  1 Type(s) in Format  2
          $2.64  1 Types
   $5.32  Estimated cost File5
          $0.36    0.045 DialUnits File6
   $0.36  Estimated cost File6
          $0.23    0.078 DialUnits File10
   $0.23  Estimated cost File10
          $0.59    0.087 DialUnits File24
   $0.59  Estimated cost File24
          $0.24    0.036 DialUnits File28
   $0.24  Estimated cost File28
          $0.11    0.027 DialUnits File29
   $0.11  Estimated cost File29
          $4.04    0.135 DialUnits File34
   $4.04  Estimated cost File34
          $0.43    0.051 DialUnits File44
   $0.43  Estimated cost File44
          $0.92    0.183 DialUnits File50
   $0.92  Estimated cost File50
          $0.20    0.030 DialUnits File64
   $0.20  Estimated cost File64
          $0.15    0.033 DialUnits File65
   $0.15  Estimated cost File65
```

```
        $0.14     0.030 DialUnits File98
 $0.14  Estimated cost File98
        $0.14     0.027 DialUnits File99
 $0.14  Estimated cost File99
        $0.24     0.036 DialUnits File117
 $0.24  Estimated cost File117
        $1.07     0.198 DialUnits File144
 $1.07  Estimated cost File144
        $0.34     0.129 DialUnits File203
 $0.34  Estimated cost File203
        $0.89     0.024 DialUnits File235
 $0.89  Estimated cost File235
        $0.09     0.024 DialUnits File266
 $0.09  Estimated cost File266
        $3.25     0.114 DialUnits File357
 $3.25  Estimated cost File357
        $1.53     0.051 DialUnits File434
 $1.53  Estimated cost File434
        OneSearch, 20 files,  1.752 DialUnits FileOS
 $0.54  INTERNET
$20.82  Estimated cost this search
$20.89  Estimated total session cost   1.999 DialUnits


Ended session: 2010/11/10 14:01:34

?
```